



W
AF

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Project 0950-0001, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

| | |
|------------------------|---------------|
| Application Number | 10/784,211 |
| Filing Date | 02-24-2004 |
| First Named Inventor | Takashi FUJII |
| Art Unit | 1734 |
| Examiner Name | J. Sells |
| Attorney Docket Number | 46379 |

ENCLOSURES (Check all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
|--|--|---|

Remarks

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 18-2220. A duplicate copy of this sheet is attached.

[X] Any additional excess claim fees under 37 C.F.R. § 1.16.

[X] Any additional patent application processing fees under 37 C.F.R. § 1.17.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|---|----------|--------|
| Firm Name | Roylance, Abrams, Berdo & Goodman, L.L.P. (Customer No. 001609) | | |
| Signature | | | |
| Printed name | Garrett V. Davis | | |
| Date | 04-27-2006 | Reg. No. | 32,023 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT

46379

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|---------------------------------|---|----------------------|
| In re Application of: | : | |
| Takashi FUJII et al. | : | Group Art Unit: 1734 |
| Serial No.: 10/784,211 | : | Examiner: J. Sells |
| Filed: February 24, 2004 | : | |
| For: PROCESS FOR PRODUCING COLD | : | |
| FIELD EMISSION CATHODES | : | |

RESPONSE AFTER FINAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the January 27, 2006 Office Action.

In the Action, claims 1-34 are rejected. In view of the following comments, reconsideration and allowance are requested.

Rejection of Claims 1-34

Claims 1-34 are rejected under 35 U.S.C. § 103(a) as being obvious over U.S. Patent No. 6,097,138 to Nakamoto in view of U.S. Patent No. 6,436,221 to Chang et al. Nakamoto is cited for disclosing a field emission cold cathode device by forming nanotubes on a substrate and then applying a conductive material over the nanotubes and the substrate. Chang et al. is cited as allegedly disclosing a taping method to remove a portion of the carbon nanotubes from a substrate. The rejection is based on the position that it would have been obvious to modify the process of Nakamoto according to Chang et al. to include a taping